

20031205.qrp v03_n125.qrl.20031205

Date: Fri, 5 Dec 2003 19:03:04 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3125

QRP-L Digest 3125

Topics covered in this issue include:

- 1) [162373] Re: AZ ScQRPions Paddle S/N List
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 2) [162374] RE: "ET phone home" ?
by "Tom" <kf4yyd@adelphia.net>
- 3) [162375] Re: AZ ScQRPions Paddle S/N List
by "Joe Martin" <km5cw@wt.net>
- 4) [162376] Re: Why have mono phone plugs and cables?
by Kenneth Cooperstein <cprstn54@att.net>
- 5) [162377] Re: [Elmer160] C compilers
by Lee Mairs <lmairs@direcway.com>
- 6) [162378] Re: [Elmer160] C compilers
by Chuck Adams <k7qo@commspeed.net>
- 7) [162379] vlf
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 8) [162380] Re: Why have mono phone plugs and cables?
by "Mike Yetsko" <myetsko@insydesw.com>
- 9) [162381] Fwd: 15th ORIGINAL QRP CONTEST
by dl6aaf@t-online.de
- 10) [162382] QRP at the Tampa Bay hamfest
by "Paul Womble" <pwomble@earthlink.net>
- 11) [162383] PAC-12 Portable Antenna Kits
by James Bennett <jwbennett@sprintmail.com>
- 12) [162384] Re: [Elmer160] C compilers
by w9ya <w9ya@arrl.net>
- 13) [162385] QRP DX
by Lloyd Lachow <llachow@yahoo.com>
- 14) [162386] Re: OT: Electronics learning lab?
by Donald E Sanders <w4bws@juno.com>
- 15) [162387] OT: FCC prohibits device in the US
by "Mike Yetsko" <myetsko@insydesw.com>
- 16) [162388] 20 more Days Until Christmas
by "Ron Polityka" <wb3aal@verizon.net>
- 17) [162389] HW-9 in therapy
by James R Giammanco <n5ib@juno.com>
- 18) [162390] Argonaut V
by George Reeves <greeves@emory.edu>
- 19) [162391] Re: PAC-12 Portable Antenna Kits

- by John Sielke <jsielke@pobox.com>
- 20) [162392] Lithium Ion batteries
by Karl Larsen <k5di@zianet.com>
- 21) [162393] Elmer 160: A problem
by "John J. McDonough" <wb8rcr@arrl.net>
- 22) [162394] Manhattan [RE]construction to the rescue!
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 23) [162395] RE: PAC-12 Portable Antenna Kits
by "Jim Sheldon" <w0eb@cox.net>
- 24) [162396] Re: "ET phone home" ?
by Bruce Muscolino <w6toy@erols.com>
- 25) [162397] 160 Test this weekend
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 26) [162398] WTB
by "john gabbard" <johngabbard@usintouch.com>
- 27) [162399] What can be done with QRP and a simple wire antenna?
by "John Shannon" <jsk3wwp@alltel.net>
- 28) [162400] OT:Oscope?
by "John" <digi2@earthlink.net>
- 29) [162401] Re: What can be done with QRP and a simple wire antenna?
by ARDUJENSKI@aol.com
- 30) [162402] FOX: KV2X Fox Log V1.0002
by tjennin2@rochester.rr.com
- 31) [162403] RE: Oscope?
by Mark Danner <MarkD@mfwfwi.org>
- 32) [162404] Re: OT:Oscope?
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 33) [162405] AMQRP Homebrewer Mag. # 1
by "Meier, Peter H." <peter.meier@unisys.com>
- 34) [162406] OT Special Event this evening
by "Steve Blary" <steve@eclipsecat.com>
- 35) [162407] RE: Manhattan [RE]construction to the rescue!
by "AI2Q" <ai2q@adelphia.net>
- 36) [162408] Paddle #10 arrives
by Karl Larsen <k5di@zianet.com>
- 37) [162409] Re: OT:Oscope?
by "John" <digi2@earthlink.net>
- 38) [162410] RE: OT Special Event this evening
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>
- 39) [162411] #33
by "richqrp" <richqrp@cox.net>
- 40) [162412] DSW-20 II
by "ross bell" <rossbell@commspeed.net>
- 41) [162413] Re: What can be done with QRP and a simple wire antenna?
by Bruce Muscolino <w6toy@erols.com>
-

Date: Thu, 4 Dec 2003 18:50:44 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <jsielke@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162373] Re: AZ ScQRPions Paddle S/N List
Message-ID: <001101c3bac1\$6fd9e030\$3ad14b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And I got #65! How did they know to put two of the NJ FP's next to each other? :)

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

----- Original Message -----

From: "John Sielke" <jsielke@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 04, 2003 1:52 PM
Subject: Re: AZ ScQRPions Paddle S/N List

> Whooppee! I made it! Serial Number 66!
>
> John W2AGN
>
>

Date: Thu, 4 Dec 2003 18:56:04 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: "Michael Melland, W9WIS" <w9wis@charter.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162374] RE: "ET phone home" ?
Message-ID: <EIEBLEILGEEGMLHGHOAGEEODCPAA.kf4yyd@adelphia.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, nuclear powered submarines can't just lay on the bottom due to the location of various hull penetrations. The major ones being main and auxiliary sea water suction and discharge. We also had to be in sync with at least three communication stations at all times. Others have listed some of them such as Cutler, Harold E Holt (??), Jim Creek, and don't hold me to the spelling but Lua Lua Lei.

However diesel boats can certainly sit on the bottom, since they are not running their engines but rather running off the main batteries.

The running joke in the submarine community was that those of us who were on ssbn duty did "five knots to nowhere" and the fast boat guys always told the nubs (new guys, not yet qualified in submarines) you don't want to go to a boomer, all they do is "Hide with Pride"

Tom kf4yyd

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Michael Melland, W9WIS
Sent: Thursday, December 04, 2003 2:38 PM
To: Low Power Amateur Radio Discussion
Subject: Re: "ET phone home" ?

ELF is used to communicate only with deep runners so it's a bit of a different purpose then what you are describing. I know that communications with subs as deep as 400+ feet is common...

I've also been told that most of the messages that are sent via ELF are launch codes etc. The ICBM boats can lay on the bottom and receive information without having to move at all. Must be like a high tech version of the EAM's often heard on the USAF Global HF Frequencies..... "Sky King Sky King do not answer.... message follows..."

Mike, W9WIS

Date: Thu, 4 Dec 2003 18:17:13 -0600
From: "Joe Martin" <km5cw@wt.net>

To: "QRP" <qrp-1@Lehigh.EDU>
Subject: [162375] Re: AZ ScQRPions Paddle S/N List
Message-ID: <019401c3bac5\$227eba00\$de4cd6d0@JoesHome1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

#62 here, everybody was really paying attention when the announcement was made that early Wednesday morning, Wow! I responded only 30 min after the mail was posted glad I was paying attention. This is great when we get some built we can see who makes more QSO's with the other brasskeys we could use
OBK#62 qsl, guy with the most after a set period of time even have sprints for the OBKs <g>

73 de KM5CW, Joe

ARCI #11368 FP#-697 FISTS#4217

GRID EM13kf FtWorth,Tx

32:49:31N 97:06:13W

(<http://www.km5cw.org>)

-----| Virus Scanned by Symantec |-----

----- Original Message -----

From: "Barry Minsky" <barry@w2bj.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, December 04, 2003 5:42 PM

Subject: Re: AZ ScQRPions Paddle S/N List

> On 12/4/03 9:08 AM, "Jerry Haigwood" <w5jh@swlink.net> wrote:

>

> > Folks,

> > The latest S/N list has been posted to the web. To check for your

> > name, go to:

> > <<http://www.swlink.net/~w5jh/brasspaddle.htm>> and then click on "serial

> > numbers list." On Saturday we will start cutting brass for batch 2 and

> > hope to be shipping it around December 20.

> >

> > Jerry W5JH

> >

> >

> >

> I was surprised that I was not on the list. Maybe I will be in the next

> batch.

>

> Barry, W2BJ

>

>

Date: Thu, 04 Dec 2003 19:26:27 -0500
From: Kenneth Cooperstein <cprstn54@att.net>
To: qrp-1@Lehigh.EDU
Subject: [162376] Re: Why have mono phone plugs and cables?
Message-ID: <3FCFD0B3.9000403@att.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Thanks, Dave.

I overlooked the shielding.

Ken KC2JDY

Ken,

The ring conductor on a stereo plug will usually contact the ground conductor of a mono jack. Depending on your application, that might not be a problem. I have discovered that it can allow you to use a stereo headphone with a mono output device - by leaving the headphone ground open, it essentially places the two speakers in series.

If you're only connecting mono devices to other mono devices with your patch cords it might work, but the ring will be used as the ground. If they're supposed to be shielded cords, the shields won't connect to anything.

Dave

Date: Thu, 04 Dec 2003 19:05:55 -0500
From: Lee Mairs <lmairs@direcway.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162377] Re: [Elmer160] C compilers
Message-ID: <015401c3bac3\$95e1fb30\$3b6d020a@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Since this thread continues...

That's nothing! I remember in the old days when I had to throw front panel switches to set the octal code for the machine language instruction and then toggle the Deposit instruction with another front panel switch. My original PC, an 8008, had 256 bytes of memory. When my first OS took almost all of them, I had to secrete several hundred dollars from SWMBO so that I could buy a full K of 1101s...

And on and on and on...

73 de Lee
KM4YY/8

----- Original Message -----

From: "Dale Botkin" <dale@botkin.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, December 04, 2003 4:12 PM

Subject: RE: [Elmer160] C compilers

> On Thu, 4 Dec 2003, Ray Goff wrote:

>

> > You can always find examples of situation where C (or any other high
> > level language) cannot be used, but for the most part writing in a
> > high level language is less error prone, less frustrating and much
> > faster than assembly language.

>

> Exactly my point, really. On most of this I think we're in violent
> agreement. 8-) That's why I use C, with the occasional function done
> with inline assembly.

>

> > Incidentally, my C routine to transpose all the bits in a byte takes
> > 21 machine code instructions when compiled for a PIC16F876 and took me
> > a couple of minutes to write.

>

> 11 instructions, thus allowing me to add a prosign for pausing message
> playback to, for example, insert RST or a sequence number. You work
> really, really hard when you absolutely have to make it fit into 1K. 8-)

>

> 73,
> Dale
> --

> It's a thankless job, but I've got a lot of Karma to burn off.
> PicoKeyer Analog with pot speed control now available! Or add
> memory and more to your Rock-Mite -- <http://www.hamgadgets.com>

>

>

>

Date: Fri, 05 Dec 2003 00:39:03 +0000
From: Chuck Adams <k7qo@commspeed.net>
To: "John J. McDonough" <wb8rcr@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162378] Re: [Elmer160] C compilers
Message-ID: <5.2.1.1.0.20031205003656.01d07118@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:24 PM 12/4/2003 -0500, John J. McDonough wrote:

>...snip...

>When they decide to solve systems of differential equations,
>they'll figure out that's a whole lot easier in C. But at least they will
>have the foundation.

>

>72/73 de WB8RCR <http://www.qsl.net/wb8rcr>

And when they get to simultaneous non-linear integral-differential
equations with coupled coefficients and boundary values they will
change jobs..... :-) Maybe even retire early.

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Moving to Arizona? Please bring your own water.

Date: Thu, 4 Dec 2003 19:48:14 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162379] vlf
Message-ID: <017001c3bac9\$ac607020\$7a3cca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I worked in the panama canal zone from late '57 to '74. and the navy had a

vlf transmitter station there on the pacific side, it ran (as my memory goes) 2 megawatts on 60 kc (oops, khz) Our shop was only about a quarter mile from the stn. and when that thing fired up our shop operations came to halt, because all our vtvms and such would go crazy from the rf energy of that rig. I toured the stn a few times as a technician, and it was fantastic to say the least. I don't know what it's purpose was as it was not on the air very much, and I don't know what may have happened to it after the canal was turned over to panama.

Just another memory.!!!!

carl / kz5ca

Date: Thu, 4 Dec 2003 19:44:23 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <cprstn54@att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162380] Re: Why have mono phone plugs and cables?
Message-ID: <004401c3bac9\$0558bbc0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Thanks, Dave.
>
> I overlooked the shielding.
>
> Ken KC2JDY
>

I wouldn't think that would be a problem. How many things do you know of that DON'T use the shell for the shield?

And if the 'ring' is also connected to the shield, so what? You just have a tracer wire down the inside as well.

There are a few applications that don't use the 'shell' of the plug connector for 'shield' or ground. Some drag racing transbrake connections and so on, but those are just static state hookups, not audio or higher frequency hookups.

Date: Fri, 5 Dec 2003 02:45:33 +0100 (CET)
From: dl6aaf@t-online.de
To: qrp-l@lehigh.edu
Subject: [162381] Fwd: 15th ORIGINAL QRP CONTEST
Message-ID: <200312050145.hB51jZ001129@joringel.privnet.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRP-Contest-Community (qrpcc)
c/o Dr.Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER
Phone: +495341-50113

03-Dec-2003

The QRP-Contest-Community (qrpcc) cordially is inviting you to the

15th O R I G I N A L - Q R P - C O N T E S T

The contest idea is to promote creative or unconventional QRP-hamming like homebrewing or just doing it without your 'luxurious' QRO equipment. This event more than other contests has a meeting character. The result lists show that many operators are taking part only on one band for just an hour or two and without the intention of high scoring or winning. But if you want to prove that QRP operators may be keen operators you are invited to do so as well.

- - - - -
Participants: Operators of original QRP rig, commercial or homebrew, including industrial QRP rig exceeding 5w output like Elecraft K2, SG 2020, FT-7 and QRP-versions of QRO-transceivers like TS-130 V, FT-707S etc. Stations with QRO-equipment (>20W out) temporarily reduced to QRP will be listed as 'non Original' checklog.

Date: 27/28th-Dec-2003

Time: Saturday 1500 UTC till Sunday 1500 UTC,
rest period of 9 hours minimum in one or two parts.
(more pauses as you like)

Frequencies: CW segments of the 80-, 40-, and 20m band.

Call: CQ OQRP (= Original QRP)

Categories: V L P (1W out or 2W in) Q R P (5W out or 10W in)
M P (20W out or 40W in) (No QRO-category)

NEW: There now are 'Handmade' and 'Open' subcategories i.e.
VLP/Handmade and VLP/Open, QRP/Handmade and QRP/Open etc..

Contestants who want to be listed in a 'Handmade' subcategory
MUST declare : "All my TX operated in this contest were
homemade by myself. I was coding & decoding the CW signals by
head & hand without computer assistance (= no keyboard) and
did not use DX-cluster or other third party support."
Any log without a declaration like this will be listed in the
"Open" subcategory.

Operation: Single-op CW.
Various TX/TRX may be operated, but only one at the same time.

Exchange: RST, serial-no./ category e.g. 559001/VLP.

QSO-Points: The log checker will count 4 points for a qso with another
contest station whose log has come in.
All other QSO count 1 point.
Exchange of RST is sufficient with stations not in contest.

Multiplier: The log checker will count 2 multiplier points for each
DXCC-country from a qso with a station whose log has come in.
Otherwise each DXCC-country counts 1 multiplier point.

Final score: Sum of QSO-points multiplied by the sum of multiplier-points.
(Calculated by the log checker. Don't try an own calculation:
you cannot foresee who will send his log and who will not).

So every log is welcome and important, even just 3 QSO on a picture postcard

Logs: List QSO sorted bandwise, please.
(Otherwise you might find your log listed as checklog!)
Add the DXCC prefix if you claim a multiplier for a QSO.

Summary sheet: has to show name, address, callsign and minimum rest periods.
Indicate the types of all TX/TRX used with out- or input on
each band according to manufacturer or measured under
contest conditions. Homebrew rigs description should name
pa-transistor/-tube and possibly a reference (e.g. SPRAT No.)

(Don't forget the "Handmade"-declaration mentioned above).

Deadline: 31-Jan to: Dr.Hartmut Weber, DJ7ST, Schlesierweg 13,
D-38228 SALZGITTER, Germany. Via Packet to DJ7ST@DB0ABZ

e-mail logs to <qrpc@qrpcc.de>. See <<http://www.qrpcc.de>> for
infos and <<http://www.qrpcc.de/e-Maillogs>> for log-details.

- - - - -

If you don't know us yet:

The QRP-Contest-Community (qrpcc) is a supra-national network of qrp
enthusiasts (at present 150 promoters from 12 nations) pursuing the
organization and promotion of QRP Contests since 1992.
The qrpcc may be viewed as a support group taking care of the QRP'ers
interests in a self-help manner.
Because of its international design the qrpcc does not seek any affiliation
with national ham radio organizations but is open to any cooperation.

Since 1996 the qrpcc carries out the ORIGINAL-QRP-CONTEST, designed for
genuine QRP gear.

The HOMEBREW & OLDTIME-EQUIPMENT-Party (HOT-PARTY)
since 1997 is organized by the qrpcc, too.

The youngest qrpcc "child" is the QRP-MINIMAL-ART-SESSION
born at Ascension Day 2000.

The promoters of qrpcc are private persons supporting the idea by personal
participation in organizing, log-checking, translating, printing address
labels etc. or by contributing to postage costs (for 1h of work for qrpcc
matters or for 5 Euro or 5\$ you will be on the sponsors' list for one year).

OQRPC participants (at least those who sent paper logs) will receive
info-letters by post along with comments, statistics, summary&log sheet etc..

So hpe cu in the 15th ORIGINAL-QRP-CONTEST !

Best 73/2 de Hal, DJ7ST

Date: Thu, 4 Dec 2003 21:16:13 -0500
From: "Paul Womble" <pwomble@earthlink.net>
To: "'Flying Pigs'" <fpqrp-l@fpqrp.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Cc: "'LARC'" <larc@yahooogroups.com>, <k4gg@yahooogroups.com>
Subject: [162382] QRP at the Tampa Bay hamfest
Message-ID: <002d01c3bad5\$c23c54c0\$6401a8c0@house>

MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There will be a QRP get together at the Tampa Bay hamfest this weekend.
We will meet at the end of the Antenna Building forum on Saturday
afternoon around 5pm and decide on what/where to do for dinner or Sunday
breakfast.

Anyone intersted is welcome!

Hamfest info is at: www.fgcarc.org

Local repeaters are 443.225 and 146.820 both pl 100.0.

Hope to see you there!

Paul K4FB
www.qsl.net/k4fb

Date: Thu, 04 Dec 2003 18:35:13 -0800
From: James Bennett <jwbennett@sprintmail.com>
To: qrp-l@lehigh.edu
Subject: [162383] PAC-12 Portable Antenna Kits
Message-ID: <3FCFEEE1.4A9C2881@sprintmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

We are now caught up with orders and have PAC-12 antenna kits
in stock. We also have the new compact coil kits for 30-10
meters. The compact coil kits are priced at \$10 each.

We are running a holiday special on the PAC-12. Now through the
end of 2003, any PAC-12 kit ordered will include a free compact
coil kit at the regular price of \$65. This is in addition to
the 60-10M full size coil already included with the kit.

We also have a yahoo group for PAC-12 antenna owners. Both kit and
homebuilt antenna owners are welcome.

Please see our website for details.

<http://www.pacificantenna.com/>

Thanks and Happy Holidays

James Bennett
KA5DVS
Pacific Antenna

Date: Thu, 4 Dec 2003 22:13:21 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162384] Re: [Elmer160] C compilers
Message-ID: <200312042213.21150.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Thursday 04 December 2003 10:34 am, Lee Mairs wrote:
> Boy, do I disagree with Ray on this one. I developed and managed a group
> of microprocessor software developers since the early days of the 8080.
> The folks that had an early grounding in assembly language always seemed to
> write tighter high level code with fewer bugs. Plus, they knew the benefit
> of proper and complete in-line comments/documentation.

Hey Lee and the gang;

I agree with you and not with Ray. Sorry Ray, but even on the surface, it begs the question: If a programmer doesn't know assembly well, how can they understand how to code in C and have tight assembly code results ?

(I already am sure I know the answer to this. In fact, I am an old assembly lang. guy that also writes script from time to time these days.)

By way of example-> I was looking over some of the pic coding from several QST authors in the past ten years worth of articles in hopes of learning the Microcode pic assembler. Anyways, I ended up discovering some odd and poorly executed code. Yes the code worked but it was neither optimum or smoothly logical. One author is a teacher of pic code at the university level. He openly shared that this is quite normal output for C code, and that he likes to teach that you must look at the assembler code to make sure the c code is being properly optimized. Which of course again begs the above question.

I think it is asking too much of some artificial constructs like what we call

a C lang. compiler to be able to properly make assembly code without human intervention for optimization. And that human intervention requires learning, which in this case is assembler.

And I also disagree that one can just step up speed or memory size to compensate as a steadfast rule.

Vy 72;

Bob
w9ya

>
> It is sort of like the benefits of an engineering education (aka life in a
> calculus monastery). You might not learn much that is directly
> transferable over the rest of your life, but it sure taught you how to
> think and approach problems.
> 73 de Lee
> KM4YY/8
>
>
> ----- Original Message -----
> From: "Ray Goff" <radioham@gmx.co.uk>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Thursday, December 04, 2003 9:09 AM
> Subject: RE: [Elmer160] C compilers
>
> > > At any rate, I highly recommend learning and getting reasonably good
>
> with
>
> > > assembly before jumping to C or BASIC compilers. You really need to
> > > understand the little critters' internal workings and instruction set
> > > if you're going to do non-trivial things with them, and do them
> > > reasonably well.
> >
> > I could not disagree more about the use of C compilers.
> >
> > As somebody who has professionally built embedded systems for the past 20
>
> years,
>
> > I can assure you that there is absolutely no need to know any of the
>
> assembly
>
> > language instructions for the PIC or any other microprocessor in order to
>

```
> make
>
> > best use of it. You do, however, have to understand the architecture of
>
> the
>
> > beast and the routines provided by the C compiler supplier to attack the
>
> various
>
> > goodies the chip contains, but that is about it.
> >
> > I personally use the CCS compiler for both professional and ham radio
>
> related
>
> > PIC projects and I have yet to find a reason to code anything in assembly
> > language. If the C code seems slow, choose a faster processor or look at
> > optimising your code to make it more efficient. That also goes for the
>
> size of
>
> > the code, if you cannot get it into the chip, look at a chip with more
>
> memory or
>
> > again look at your code design and optimise it.
> >
> > With the CCS compiler you get a combined listing of the C source and the
> > assembler output. If you are having problems with either speed or size,
>
> try
>
> > doing the operation a number of different ways in C and look at the
>
> combined
>
> > listing to see how much code is created for each statement. Don't worry
>
> about
>
> > the code itself, you are only interested in the number of bytes created
> > by
>
> the
>
> > compiler. Often by slightly re-arranging the code you can significantly
>
```


> increase
>
> > or decrease the number of bytes of assembly code created.
> >
> > C code is many times more readable than assembly language and therefore
>
> much
>
> > easier to both write and debug. Good tight coding is entirely possible
>
> with C,
>
> > design in it and let the compiler take care of generating the assembly
>
> language
>
> > code! Should you ever decide to port the code to another family of
> > microprocessors, you simply need to find a compiler for the chip rather
>
> than
>
> > having to completely recode the software in a different assembly
> > language.
> >
> > Just my tuppence worth.
> >
> > Ray, G4FON
> >
> > Incidentally, if you are looking for shareware PIC tools, look at
> > <www.picant.com>

Date: Thu, 4 Dec 2003 19:31:22 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: "Li'l Piggies" <fpqrp-1@mpna.com>,
a low-energy group <qrp-1@lehigh.edu>
Subject: [162385] QRP DX
Message-ID: <20031205033122.52571.qmail@web41014.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I worked T32WW in East Kiribati, tonight at 0313z,
at 14.026...he was 599.

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
EDZ - Longwahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Thu, 4 Dec 2003 22:46:43 -0500
From: Donald E Sanders <w4bws@juno.com>
To: ARDUJENSKI@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [162386] Re: OT: Electronics learning lab?
Message-ID: <20031204.232307.-618469.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The new Rad Shack has an experimenters kit for about \$60 with
the protoboard , a meter, ic's, etc. that would probably fit your needs.
Don W4BWS

On Tue, 2 Dec 2003 16:40:14 EST ARDUJENSKI@aol.com writes:

> This may not be highly technical enough for this group but I would
> like to
> locate a good electronics lab kit where you can build various
> circuits and
> experiment with variables in the circuit. I have located one type:
>
> www.montek.com/catalog/cat9_1.htm
>
> I also saw the ones advertised in the back of QST such as the
> snap-in ones.
>
>
> Was looking for some suggestions on some others available. I would
> even
> consider ones on CD and you build virtual circuits. Sure I could
> always buy a dozen
> various kits but for me one of these lab type centers would prove
> more

> beneficial (AND COST EFFECTIVE).
>
> Thanks for the bandwidth and taking time to offer some suggestions.
>
> Alan KB7MBI
>
>

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Date: Fri, 5 Dec 2003 05:10:28 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162387] OT: FCC prohibits device in the US
Message-ID: <[00dc01c3bb18\\$409f5960\\$0200a8c0@charter.net](mailto:00dc01c3bb18$409f5960$0200a8c0@charter.net)>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone know anything about this??

<http://www.cnn.com/2003/HEALTH/12/04/heart.device.ap/index.html>

It's being banned by the FCC due to a complaint. The concept sounds good, except that the complaint alleges that the device just transmits when it wants to, without checking that frequencies are clear. The complaint from another medical company says the device is leading to congested frequencies and interference.

I wonder what frequency the device uses to begin with. It sounded like it was a cell phone! And they built a device that doesn't arbitrate correctly?

Actually, the FCC didn't ban it, they just prohibit new devices.

Date: Fri, 5 Dec 2003 05:23:06 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [162388] 20 more Days Until Christmas
Message-ID: <[001a01c3bb19\\$c6353c60\\$0200a8c0@WB3AAL](mailto:001a01c3bb19$c6353c60$0200a8c0@WB3AAL)>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well the East Coast is getting ready for their first Winter Storm and EPA is expecting a possible total of 6". Just is time to go out and play radio in the snow. :-)

I have around 15 calendars still waiting for a home for Christmas. If you would like to purchase a 2004 QRP Contest Calendar, please check out www.n3epa.org .

Check out the comments about this years calendar.

72

Ron de N3EPA
EPA QRP Club El Presidente'
n3epa@verizon.net
www.n3epa.org

Date: Fri, 05 Dec 2003 05:06:02 PST
From: James R Giammanco <n5ib@juno.com>
To: qrp-l@Lehigh.edu
Subject: [162389] HW-9 in therapy
Message-ID: <20031205.075637.4639.1.n5ib@juno.com>

A local asked me to see if I could resurrect his HW-9. He has the whole package - rig, ATU, SWR meter, PS.

Good success so far. The only thing found failed was a 1N4149 (yep 49, not 48) diode in the T/R switching circuit. It hears and talks now, at least on 40 m. Haven't checked all bands yet. But the Rx sure seems to have a lot of birdies. How about it HW-9 guardians out there - is that the normal state of affairs?

By the way, the mechanical disassembly needed just to change a diode sure makes me appreciate Wayne, Eric, Elecraft, Dave, SWL, OHR, Emtech, et al of the modern QRP era. :^))

72

Jim N5IB

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Date: Fri, 05 Dec 2003 08:38:24 -0500
From: George Reeves <greeves@emory.edu>
To: qrp-1@Lehigh.EDU
Subject: [162390] Argonaut V
Message-ID: <3FD08A50.3030902@emory.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I am considering the purchase of the TenTec Argonaut V. I would like to correspond off-list with hams who are using this transceiver as one of their main rigs. I'm seeking impressions, good and bad, of the transceiver, particularly if you are running QRP or PSK31, or if you are using software, such as Ham Radio Deluxe, to operate. If you are using other software than HRD, I'd be interested in hearing your impressions of this software also. Email me off list at greeves@emory.edu.

Thanks for your time.

George, WA4TNU

Date: Fri, 05 Dec 2003 08:48:36 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [162391] Re: PAC-12 Portable Antenna Kits
Message-ID: <3FD08CB4.9050208@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

As one who scoffs and denigrates small antennas in general, let me say that for some reason the PAC-12 far exceeded my expectations. I have set it up and worked station after station with good reports, just using the radials supplied. I am making a kit with some slightly longer ones, to see how that helps. I did make a multiband loading coil out of some B&W

coil stock, so I can just move a clip lead to switch bands.

A great little antenna at an unbeatable price!

(Usual stuff about not having interest in company, just happy customer, blah, blah)

John W2AGN

Date: Fri, 5 Dec 2003 06:55:46 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [162392] Lithium Ion batteries
Message-ID: <Pine.LNX.4.44.0312050635480.4692-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The tiny Yaseu VX2R handitalky uses a 1000 ma-hr 3.7 volt Lithium battery. The Wallwort that you plug into the radio says on it that it puts out 6 volts dc. So the Lithium Ion charger must be inside the radio! And it is.

Last year from Mouser I bought all the parts to build a National Semiconductor all battery charger. I had to get some special devices to mount the multiconductor surface mount chips in a manhattan construction. But summer hit and other things got in the way. Everything in this charger can be surface mount. It is tiny stuff and that is how they got it into the tiny radio.

The thing that's really nice is that I do not need to remember to plug in the charger last night. It only takes an hour to charge the battery! The radio get warmer from use than it does charging.

I will get busy and build this charger so I can charge large Lithium batteries.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Fri, 5 Dec 2003 09:30:26 -0500

From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162393] Elmer 160: A problem
Message-ID: <016c01c3bb3c\$54756f00\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang

Last night or this morning I got an email that was going to take more than the typical "we expect to have the order information posted this weekend" response. After having breakfast, I came back down here to respond to it.

Well, I couldn't find the message. I eventually went through a list of all emails since yesterday and looked one at a time through the subjects. Still no joy.

That list, from yesterday until just before 9AM today contained 576 emails!

If you send me an email and want to have any hope of me seeing it, it MUST have "Elmer 160" in the subject. I use filters to group my Elmer 160 emails so I don't miss them, but that means that if you spell Elmer wrong, arrange it differently, whatever, there is a good chance I won't see it.

I would appreciate it if the original sender would re-send that email, with "Elmer 160" in the subject.

Thanks

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 5 Dec 2003 07:31:27 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [162394] Manhattan [RE]construction to the rescue!
Message-ID: <01ee01c3bb3c\$7840f260\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Folks,

Here is a link to a photo essay on how I used Manhattan construction techniques, to repair a rig:

<http://users.frii.com/rwc/ampfix/>

Hope it's useful to you.

73, Rod N0RC
Happy Holidays

Date: Fri, 5 Dec 2003 08:51:43 -0600
From: "Jim Sheldon" <w0eb@cox.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [162395] RE: PAC-12 Portable Antenna Kits
Message-ID: <IBEGLCMLCDHHEFLBPHBOKEDNCPAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi John,
You just echo'd my sentiments on the antenna. NOUB (Dave Lancey) lives about a mile from me here in Park City, KS, and when he first told me he was going to build one, I told him "It won't work very well, you'll be better off getting some Black Widow fishing poles and putting up a dipole or inverted L." He said he was going to try it anyway, and I told him he was wasting his time. A couple of weeks later, he came over on a Saturday, and handed me this pile of aluminum rods and a 40 meter coil. His comment was "Here, this one's for you, if you don't like it, just throw it away!". I figured I'd debunk the myth that it worked once and for all, so I set it up in my front yard and hooked an old MFJ 9040 up to it. I tuned around 40 meters that morning, and didn't hear much so figured I was right and it didn't work. Everything was pretty quiet, and I have 7500 volt primary power lines running right down the Western side of my property and that was less than 50 feet away from where I had this thing set up. Verticals are supposed to really pick up man-made noise, and I didn't hear any, so figured it wasn't working. I called a CQ around 7.030, and got a K5 in Shreveport who gave me a 579. I didn't mention that I was QRP, running only 4 watts and we chatted for about 10 minutes. Got my attention for sure, and I scrounged up the parts to build 30 and 20 meter coils for the thing as per the plans on the NJQRP website. I've used 44', 88' EDZ antennas, dipoles fed with coax and ladder lines, delta loops and others in experimentations, but I keep coming back to the PAC-12. You couldn't get me to part with the

two I've built for any reason, and I'm experimenting with phasing lines and spacing attempting to come up with an easily portable 3 band vertical beam using 2 PAC-12's. So far I'm only meeting with limited success, but then the weather hasn't cooperated too well here and it's been too cold to spend enough time outside for this kind of experimentation. I'm 61 and my arthritis doesn't like the cold weather anymore hi. Have fun with the PAC-12, Jim Bennett did his homework on this one.

73,
Jim Sheldon - W0EB
Park City, (Wichita) KS

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of John Sielke
Sent: Friday, December 05, 2003 7:49 AM
To: Low Power Amateur Radio Discussion
Subject: Re: PAC-12 Portable Antenna Kits

As one who scoffs and denigrates small antennas in general, let me say that for some reason the PAC-12 far exceeded my expectations. I have set it up and worked station after station with good reports, just using the radials supplied. I am making a kit with some slightly longer ones, to see how that helps. I did make a multiband loading coil out of some B&W coil stock, so I can just move a clip lead to switch bands.

A great little antenna at an unbeatable price!

(Usual stuff about not having interest in company, just happy customer, blah, blah)

John W2AGN

Date: Fri, 05 Dec 2003 09:58:16 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: "Michael Melland, W9WIS" <w9wis@charter.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [162396] Re: "ET phone home" ?
Message-ID: <3FD09D08.DC6DF93E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

Communication is a different animal than navigation. You can communicate without knowing where you are, you use navigation to find out where you have been, are, and are going.

Receiving a signal 400 feet down would be quite a trick for a satellite based transmitter running less than a watt to a vertical antenna! ELF and VLF transmitters used to contact submerged subs seem to run around 2 Megawatts, hardly QRP!

Oh, and answering from 400 feet down would be a heck of a trick!

Bruce

Date: Fri, 05 Dec 2003 11:08:40 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162397] 160 Test this weekend
Message-ID: <3FD06738.7985.3BECBB@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

I missed the QRP test this past Wed evening on 160, but I will be on as part of a M/S effort this weekend on the 160 Test. The call will be AD8P. We have some pretty good 160 antennas up, so if you are want to try 160 - give us a shout!

73 - Bill - N8ET
Kanga US
kanga@bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Fri, 5 Dec 2003 09:43:27 -0800
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162398] WTB
Message-ID: <003401c3bb57\$4a89a770\$4c861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for a good working signal tracer/injector reasonably priced.
reply direct thanks, john 73's KF7OM

Date: Fri, 5 Dec 2003 12:52:37 -0500
From: "John Shannon" <jsk3wwp@alltel.net>
To: "QRP Mail List" <qrp-l@lehigh.edu>
Subject: [162399] What can be done with QRP and a simple wire antenna?
Message-ID: <000701c3bb58\$943dcc60\$12842845@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

If you want to find out, read the story about my portable operation in the recent CQWW DX contest. It's on my web site in my CONTESTING section - Contest Stories page. I think you'll find it very interesting and informative. Past contest stories have been very popular features with my visitors. Hopefully this latest one will be also.

~~~~~  
73 - John, K3WWP - 100% CW & QRP  
using simple wire antennas.

<http://home.alltel.net/johnshan/>

My website is now in its eighth year  
of operation and includes the following:

DX QSL Routes \*\* Operating Tips  
QRP Rigs Info \*\* CW Contest Calendar  
Daily Propagation Info \*\* Your CW Stories  
Teens and CW \*\* Monthly polls  
Categorized Quality Links \*\* MUCH MORE

If you love Morse Code, please join the  
FISTS club - <http://www.fists.org>  
I'm proud to be FISTS # 2002  
~~~~~

Date: Fri, 5 Dec 2003 11:39:38 -0700
From: "John" <digi2@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [162400] OT:Oscope?
Message-ID: <000901c3bb5f\$24b62570\$6501a8c0@HP5400>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was looking through the latest ad from ARRL and the front cover of the 2004 Handbook caught my eye. There is a neat looking oscilloscope featured there that appears to have a normal size front panel but it is only about 7 or 8 inches deep. This would be a great scope to have on my bench because of limited space. Does anyone know who the manufacturer is?

John K7SVV

Date: Fri, 5 Dec 2003 13:51:23 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [162401] Re: What can be done with QRP and a simple wire antenna?
Message-ID: <171.274c797a.2d022dab@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

for those of you who have not regularly visited John's website you will be in for a pleasant surprise. I find John to be the consummate QRP'er and truly a homebrewer. His website is a wealth of information and very inspiring. I would say he represents what QRP and ham radio is all about.

Regarding KITTANING, if you are not familiar with the town it is a unique quaint town bordering on Mayberry, USA. John claims it is not an exotic place to operate from but I would have a tendency to disagree. Take a google search and check out the neat town.

I hope you do take the time to visit his site and bookmark it to be able to come back to visit and pass on to new QRP'ers.

John's story is both refreshing and informative. His string of QRP contacts is awesome. The series of polls are very interesting. Good reference material
<<http://home.alltel.net/johnshan/>>

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Fri, 05 Dec 2003 14:03:33 -0500
From: tjennin2@rochester.rr.com
To: qrp-1@Lehigh.EDU
Subject: [162402] FOX: KV2X Fox Log V1.0002
Message-ID: <3FD09035.19638.13F5B7D4@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hounds,
Below is my revised log. Not too many corrections this time.
Here is one more chance to check it out before I submit
the "official" log.

Thanks for all the corrections so far.

73

Tom kv2x

UTC	Call	RST	SPC	Name	Power
0201	K0UU	559	MN	JEFF	5
0202	N1FN	559	CO	ET	5
0202	N0UR	579	MN	JIM	5
0203	K0EVZ	559	NM	DOC	5
0204	N0EA	559	MO	WAYNE	5
0205	N0DT	559	MO	DAN	5
0205	AG0T	559	ND	TODD	5
0208	AJ4AY	559	AL	JAY	5
0209	N0JRN	559	MO	JERRY	5
0210	KI0II	599	CO	RON	5
0211	N0TK	579	CO	DAN	5
0213	W0CH	579	MO	DAVE	5
0213	K2ZN	569	NY	AL	5
0214	W5HNS	559	TX	HENRY	5
0216	VA6RF	559	AB	EARL	5
0217	W0UFO	559	MN	MERT	5
0218	KT5V	559	TX	DAVE	5
0221	W5YR	559	TX	GEORGE	5
0223	KK5LD	559	TX	DAN	5
0224	KL7V	539	OK	SAM	5
0226	AB5XQ	559	AR	BILL	5
0226	K5JHP	559	TX	BILL	5

0227	AC5JH	559	OK	TOM	5
0229	AK7Y	559	AZ	GREG	5
0229	AA50	559	LA	VERN	5
0231	N1TP	559	FL	TOM	5
0232	K6VNX	459	CA	ARLEN	5
0234	K2TER	559	NY	BILL	5
0235	K5E0A	559	LA	WAYNE	5
0236	W5TB	559	TX	DOC	5
0237	AC7A	559	AZ	TOM	5
0238	K50I	559	OK	TIM	5
0239	AG4PJ	559	AL	DAVE	5
0240	N5IB	559	LA	JIM	5
0240	N5ZE	559	TX	LEW	5
0242	N5YFC	559	LA	WAYNE	5
0246	K9DI	559	IL	WAYNE	5
0248	KD5UDB	559	LA	CHRIS	5
0254	AK5X	569	TX	BILL	5
0255	W4FOA	559	GA	TONY	5
0258	K6XR	559	CA	REGGIE	5
0300	K5ZTY	559	TX	BILL	5
0302	KG0PP	559	CO	JIM	5
0304	NK0E	559	CO	DAVE	5
0305	VE5RC	229	SK	BRUCE	5
0308	NN5E	559	TX	VERN	5
0313	KD5CMN	559	TX	MIKE	5
0315	K5DW	559	TX	DON	5
0315	W9XT	559	WI	GARY	5
0318	N9AU	559	WI	RON	5
0322	N0HRL	559	IA	KEN	5
0325	N9AW	559	WI	JERRY	5
0326	WA9TZE	579	WI	JIM	5
0327	NK9G	559	WI	RICK	5
0330	W0PWE	559	IA	JERRY	5
0330	W9HL	559	IL	RANDY	5
0332	W0ANM	559	MN	CHRIS	5
0333	KD5UDB	559	LA	CHRIS	5 --- Dup
0334	AB9CA	559	AL	DAVE	5
0337	AB0CD	559	CO	DICK	5
0340	W0MPR	559	CO	GREGG	5
0341	AA5TA	559	TX	LARRY	5
0342	K5TR	559	TX	GEO	500mw
0343	WA8ZBT	559	TX	DENNIS	5
0344	W5TB	559	TX	DOC	5 --- Dup
0349	KR0U	559	CO	TIM	5
0351	KI0RB	599	CO	VINCE	5
0354	KB5FCF	559	OK	JOEL	4
0355	K0LOA	559	TX	DWAIN	5
0400	K5DI	xxx	NM	KARL	FOX

0400 KV2X xxx NY TOM FOX

Date: Fri, 5 Dec 2003 11:05:24 -0800
From: Mark Danner <MarkD@mfwl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [162403] RE: Oscope?
Message-ID: <49B4D83BB849004A99F31EDE1237446B2554E3@mail.mfwl.org>
MIME-Version: 1.0
Content-Type: text/plain

John

Looks similar to a Tektronics that I use at work. I'm only looking at the picture on the web site, so it's really hard to make out the details. It is similar.

Mark AB7MP

-----Original Message-----
From: John [mailto:digi2@earthlink.net]
Sent: Friday, December 05, 2003 10:40 AM
To: Low Power Amateur Radio Discussion
Subject: OT:Oscope?

I was looking through the latest ad from ARRL and the front cover of the 2004 Handbook caught my eye. There is a neat looking oscscope featured there that appears to have a normal size front panel but it is only about 7 or 8 inches deep. This would be a great scope to have on my bench because of limited space. Does anyone know who the manufacture is?

John K7SVV

Date: Fri, 05 Dec 2003 13:18:05 -0600
From: "Michael Melland, W9WIS" <w9wis@charter.net>
To: digi2@earthlink.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162404] Re: OT:Oscope?
Message-ID: <000e01c3bb64\$843f4ad0\$4986e98d@winad.it.uwosh.edu>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Can't see the exact model but it's a Tektronix. Looks like it may possibly be a TDS3000 series.

Have \$4000 - \$10,000 laying around ? <grin>.

Mike, W9WIS

Date: Fri, 5 Dec 2003 13:50:52 -0600
From: "Meier, Peter H." <peter.meier@unisys.com>
To: <qrp-1@Lehigh.EDU>
Subject: [162405] AMQRP Homebrewer Mag. # 1
Message-ID: <B537C25F1545D7118DBD00104B937E61C65F85@US-EA-EXCH-12>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Anyone have a printed copy of Homebrewer issue # 1 (August 2003 I =
believe)
they would part with? I'm looking to buy a copy in good condition and =
will also=20
pay postage. That issue is out of print with no back issues left to =
sell.

Please respond off the list to pmeier@mac.com.

Pete WK8S

Date: Fri, 5 Dec 2003 15:14:51 -0500
From: "Steve Blary" <steve@eclipsecat.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162406] OT Special Event this evening
Message-ID: <PPEIIGOHKOAKJAPHAODHAEGBDEMAA.steve@eclipsecat.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello Everyone,

Please listen on 20 meters around 14.275 MHz for WX4MC, the call of the Martin County, Florida's ARES/RACES Club. We will be operating Parade Float mobile in the Stuart Soroptimist Holiday Parade this evening from 6:30 pm to 8:00 pm eastern time (2330 UTC to 0100 UTC).

I will be using a St. Louis vertical with only 2 radials ...

see pictures of trailer at www.wx4mc.org

73

Steve Blary, N1XC
www.wx4mc.org

Date: Fri, 5 Dec 2003 15:42:37 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: <rc7039-hr@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162407] RE: Manhattan [RE]construction to the rescue!
Message-ID: <[000e01c3bb70\\$52a9d920\\$6401a8c0@hq.cmp.com](mailto:000e01c3bb70$52a9d920$6401a8c0@hq.cmp.com)>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Excellent, Rod! Many thanks for sharing this with JPEGs.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Rod NORC
Sent: Friday, December 05, 2003 9:31 AM
To: Low Power Amateur Radio Discussion
Subject: Manhattan [RE]construction to the rescue!

Folks,

Here is a link to a photo essay on how I used Manhattan construction techniques, to repair a rig:

<http://users.frii.com/rwc/ampfix/>

Hope it's useful to you.

73, Rod NØRC
Happy Holidays

Date: Fri, 5 Dec 2003 13:55:21 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [162408] Paddle #10 arrives
Message-ID: <Pine.LNX.4.44.0312051347200.4692-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Went to the post office and there was a tan insulted sack waiting for me and it was from Jerry Haigwood. I opened it up and there was the paddle kit. Every thing was there including a small square of polishing cloth. The plastic tape looked a little the worse for wear but I have plenty in my plumbing supplies.

Glad I went to Home Depot yesterday and got the sand paper and stuff. I am wondering however, since I sent \$50 for two kits, where the other one is?

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 5 Dec 2003 14:05:02 -0700
From: "John" <digi2@earthlink.net>
To: "Michael Melland, W9WIS" <w9wis@charter.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162409] Re: OT:Oscope?
Message-ID: <002201c3bb73\$73c21c00\$6501a8c0@HP5400>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ouch! That's a lot of bucks. Lucky for me that you guys will chip in and give me some help.

John K7SVV

----- Original Message -----

From: "Michael Melland, W9WIS" <w9wis@charter.net>
To: <digi2@earthlink.net>; "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, December 05, 2003 12:18 PM
Subject: Re: OT:Oscope?

> Can't see the exact model but it's a Tektronix. Looks like it may possibly
> be a TDS3000 series.
>
> Have \$4000 - \$10,000 laying around ? <grin>.
>
> Mike, W9WIS
>
>

Date: Fri, 5 Dec 2003 16:14:01 -0500
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162410] RE: OT Special Event this evening
Message-ID: <ODE0IKLMAJFGCNMOGAGICELGECAA.bowerm@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Steve,

Wait a minute. We got 10 INCHES of snow last night and expect to get another 6 - 8 tonight.

What makes you think we want to talk to anybody in SUNNY Florida. We're going to send you the snow instead.

(Just kidding).

Will be fun to contact you and you tell about our snow. I'll listen up.

Have a nice parade and do some good promotion of radios.

Michael N4NMR (of the frozen north)

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Steve Blary
> Sent: Friday, December 05, 2003 3:15 PM
> To: Low Power Amateur Radio Discussion
> Subject: OT Special Event this evening
>
>
> Hello Everyone,
>
> Please listen on 20 meters around 14.275 MHz for WX4MC, the call of the
> Martin County, Florida's ARES/RACES Club. We will be operating
> Parade Float
> mobile in the Stuart Soroptimist Holiday Parade this evening from
> 6:30 pm to
> 8:00 pm eastern time (2330 UTC to 0100 UTC).
>
> I will be using a St. Louis vertical with only 2 radials ...
>
> see pictures of trailer at www.wx4mc.org
>
> 73
> Steve Blary, N1XC
> www.wx4mc.org
>
>

Date: Fri, 5 Dec 2003 14:48:29 -0800
From: "richqrp" <richqrp@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162411] #33
Message-ID: <000e01c3bb81\$e714ef30\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello to all,

Paddles came today. #33 kit came today.. now I have to start working..

73's , Rich

Date: Fri, 5 Dec 2003 16:37:09 -0700
From: "ross bell" <rossbell@commspeed.net>
To: <qrp-1@Lehigh.EDU>
Subject: [162412] DSW-20 II
Message-ID: <000501c3bb88\$b4188cc0\$182c13d8@bellfamily>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The DSW-20 II has been sold, thanks to everyone who inquired.
Ross K7RSB

Date: Fri, 05 Dec 2003 18:49:33 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [162413] Re: What can be done with QRP and a simple wire antenna?
Message-ID: <3FD1198D.32BDFB1F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan, John, and the rest of the list,

I can attest to the performance of QRP and simple antennas. Since I came home from my assignment in Holland I have used simple wire antennas. The first was a 40 foot end fed when I lived in a condo. The current one, running across the backyard of my house, is more like a 150 footer.

In both cases I have enjoyed good success using them. I have written two articles about my experiences learning their idiosyncrasies and taming them. I have worked all states and DXCC from both locations. I have participated in many contests as well.

Simple wire antennas work extremely well. You just have to know how to tame them so they can be fed. They work extremely well with QRP rigs and QRO rigs too. Try one before you discount them!

Bruce

End of QRP-L Digest 3125

